

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-028015**Date Inspected:** 19-Jul-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1030**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** jobsite**CWI Name:** John Pagliero**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** SAS project**Summary of Items Observed:**

This Quality Assurance (QA) Inspector, Craig Hager was on site at the job site between the times noted above.

This QA Inspector was on site to randomly observe Quality Control (QC) personnel perform Non-Destructive Testing (NDT) and /or monitor American Bridge/Fluor (ABF) welding operations. This Quality Assurance (QA) Inspector, Craig Hager observed the following.

This QA Inspector met with QC Inspector John Pagliero and was provided a copy of the final UT inspection report for Electro Slag Welding (ESW) joint W-043 (V) from Y-4000 to Y-5870, which was scanned the previous day.

This QA Inspector reviewed the report and concurred the findings were in significant agreement with the indications observed by this QA Inspector. See Ultrasonic Inspection Report (TL-6027) this date for further details regarding the UT done by this QA Inspector at the location noted above.

Note the vast majority of the weld length above appeared to have been previously repaired, using the Flux Cored Arc Welding (FCAW) process. This QA Inspector observed repair welds at the following Y locations: 3910 to 4500, 4580 to 4790 and 4860 to 5180. This QA Inspector also observed the number of transverse indications was greatly reduced in these areas (none).

This QA Inspector did not observe welding being performed this date.

Summary of Conversations:

This QA Inspector had general conversations with American Bridge/Fluor (ABF) personnel, QC personnel and Caltrans personnel during the shift. Except as described above there were no notable conversations.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Hager,Craig
----------------------	-------------

Quality Assurance Inspector

Reviewed By:	Levell,Bill
---------------------	-------------

QA Reviewer
